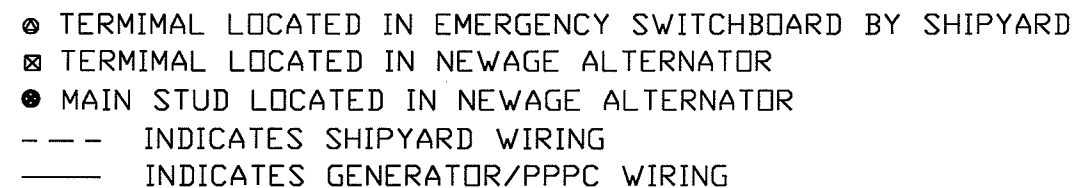


EMERGENCY SWITCHBOARD CONTROLS  
SHIPYARD SUPPLIED

VOLTAGE REGULATOR  
BASLER DECS-100-A05  
PPPC SUPPLIED



## VOLTAGE REGULATION

1. DECS100, MVC300, DROOP CT PROVIDED BY PPPC AS SHIP LOOSE ITEMS TO BE INSTALLED BY SHIPYARD IN EMERGENCY SWITCHBOARD.
2. SHIPYARD TO SUPPLY ALL INTERCONNECT WIRING.
3. CONNECTION STUDS LOCATED IN GENERATOR LEAD CONNECTION BOX (REFERENCE DRAWING 8-6176206-G1)
4. VOLTAGE REGULATOR MALFUNCTION ALARM CONTACTS TO BE CONNECTED TO SHIPS AMS SYSTEM REFERENCE ALARM LIST ON DRAWING 1-77270-100. ACTUAL CONNECTION TO BE TO THE EMERGENCY SWITCHBOARD TO BE PART OF THE ETHERNET PLC DATA STREAM.
5. RECOMMEND DROOP CT BE MOUNTED IN EMERGENCY SWITCHBOARD IN THE VICINITY OF THE VOLTAGE REGULATOR BY SHIPYARD.
6. THE DECS-100 MUST BE HARD-WIRED TO EARTH GROUND WITH NO SMALLER THAN 12 AWG COPPER WIRE ATTACHED TO THE GROUND TERMINAL ON THE REAR OF THE UNIT CASE. A SEPARATE GROUND CONNECTION IS REQUIRED FOR EACH DECS-100 UNIT.
7. ALL CONTROL WIRING TO BE A MINIMUM OF 14 AWG.
8. REFER TO DRAWING 8-617206-E1 FOR COMPLETE INTERFACE.

ABBREVIATIONS:

PPPC - PACIFIC POWER PRODUCTS COMPANY  
MVC - MANUAL VOLTAGE CONTROL  
DECS - DIGITAL EXCITATION CONTROL SYSTEM  
CT - CURRENT TRANSFORMER

[illegible]